

AMENDMENTS TO THE CLAIMS

The listing of claims below will replace all prior versions and previous listings of claims in this application:

Claims 1-25 (cancelled)

Claim 26 (currently amended): A method of producing the ~~mature~~ extracellular domain of integrin subunit $\alpha 11$ comprising amino acids 23 to 1141 of SEQ ID NO:2, a fragment of the ~~mature~~ extracellular domain of integrin subunit $\alpha 11$ comprising the I-domain of integrin subunit $\alpha 11$ from amino acids 159 to 355 of SEQ ID NO:2, a fragment of the ~~mature~~ extracellular domain of integrin subunit $\alpha 11$ comprising amino acids 804 to 826 of SEQ ID NO:2, the cytoplasmic domain of integrin subunit $\alpha 11$ comprising amino acids 1165 to 1188 of SEQ ID NO:2, or the transmembrane domain of integrin subunit $\alpha 11$ comprising amino acids 1142 to 1164 of SEQ ID NO:2, which method comprises a sequential addition of amino acids.

Claims 27-155 (canceled)

Claim 156 (currently amended): The ~~mature~~ extracellular domain of integrin subunit $\alpha 11$ comprising amino acids 23 to 1141 of SEQ ID NO:2.

Claim 157 (currently amended): A fragment of the ~~mature~~ extracellular domain of integrin subunit $\alpha 11$ according to claim 156, wherein the fragment comprises the I-domain of integrin subunit $\alpha 11$ from amino acids 159 to 355 of SEQ ID NO:2.

Claim 158 (currently amended): A fragment of the ~~mature~~ extracellular domain of integrin subunit $\alpha 11$ according to claim 156, wherein the fragment comprises amino acids 804 to 826 of SEQ ID NO:2.

Claim 159 (previously presented): The cytoplasmic domain of integrin subunit $\alpha 11$ comprising amino acids 1165 to 1188 of SEQ ID NO:2.

Claim 160 (previously presented): The transmembrane domain of integrin subunit $\alpha 11$ comprising amino acids 1142 to 1164 of SEQ ID NO:2.

Claim 161 (currently amended): A heterodimer comprising:

- (a) the ~~mature~~ extracellular domain of integrin subunit $\alpha 11$ according to claim 156; and
- (b) the integrin subunit $\beta 1$.

Claim 162 (currently amended): The heterodimer of claim 161, wherein the ~~mature~~ extracellular domain of integrin subunit $\alpha 11$ is non-covalently associated with the integrin subunit $\beta 1$.